

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated hereafter.

Claims:

1-7. (Cancelled)

DO NOT enter 3/30/04

8. (Currently Amended) A method of protecting a plant or a part of said plant against insect or nematode infestation by one or more insects or nematodes having digestive cysteine proteases, comprising the steps of:

(a) culturing cells or tissue from the plant;

(b) inserting into the genome of the cells or tissue a DNA sequence of SEQ ID NO:1 coding for a cysteine protease inhibitor selected from the group of proteins having an amino acid sequence of SEQ ID NO:2 containing at least one type I repeated thyroglobulin domain, with a promoter sequence active in the plant to cause expression of said protein at levels which provide an insect or nematode controlling amount of said protein; and

(c) regenerating resistant whole plants from the cells or tissue.

9. (Cancelled)

10. (Currently Amended) The method according to claim 8, which comprises the further step of (d) sexually or clonally reproducing the whole plants in such a manner that at least one copy of the sequence coding for the protein containing at least one type I repeated thyroglobulin domain with a promoter sequence active in the plant is present in the cells of the thus formed reproduced plants.